

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Paul Turner, John P. Guiver, Brian Lines and S. Steven Treiber

Application No.: 09/892,586 Group: 2123

Filed: June 27, 2001 Examiner: Ayal I. Sharon

Confirmation No.: 2279

For: COMPUTER METHOD AND APPARATUS FOR CONSTRAINING A  
NON-LINEAR APPROXIMATOR OF AN EMPIRICAL PROCESS

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
6/6/07	Patricia Blanch
Date	Signature
Patricia Blanch	
Typed or printed name of person signing certificate	

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for filing in the above-identified application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- ☐ A Small Entity Statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

The claims fee has been calculated as shown below:

					SMALL ENTITY		OTHER THAN SMALL ENTITY		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	RATE	ADDIT. FEE	
TOTAL	64	MINUS	* 25	39	X \$ 25	\$	X 50	\$ 1950	
INDEP	22	MINUS	** 7	15	X \$ 100	\$	X \$ 200	\$ 3000	
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+	\$ 180	\$	+	\$ 360
					TOTAL = \$ 0		TOTAL = \$ 4950		

\* not fewer than 20  
\*\* not fewer than 3

The Application Size Fee has been calculated as shown below:

(Effective for cases filed on or after December 8, 2004)

Actual Sheets (Including current amendment)	Highest No. of Sheets Paid For (At least 100)	No. of Additional Units Required (Increments of 50 sheets)	SMALL ENTITY		OTHER THAN SMALL ENTITY		Payment Sufficient for up to [ ] Sheets
			Rate	Total Amount Owed	Rate	Total Amount Owed	
			X \$125	\$[ ]	X \$250	\$[ ]	

### Petition for Extension of Time

- ☒ Applicant hereby petitions to extend the time to respond to the Office Action dated February 6, 2007 for one month from May 6, 2007 to June 6, 2007. The appropriate fee is set forth below.
- ☐ [For action-specific language in an extension of time, select the appropriate option from the Firm Templates]

**Please charge Deposit Account No. 08-0380 for the following fees:**

<input type="checkbox"/>	Petition for [ ] month Extension of Time	\$	
<input type="checkbox"/>	Claims Fee	\$	
<input type="checkbox"/>	Application Size Fee	\$	
<input type="checkbox"/>	Other Fees:	\$	
		\$	
		\$	
TOTAL:		\$	

**A check is enclosed in payment of the following fees:**

<input checked="" type="checkbox"/>	Petition for one month Extension of Time	\$	120
<input checked="" type="checkbox"/>	Claims Fee	\$	4950
<input type="checkbox"/>	Application Size Fee	\$	
<input checked="" type="checkbox"/>	Other Fees:	\$	
Publication Fee Under 37 C.F.R. §1.18(d)		\$	300
Request for Republication of Published Patent Application Under 37 C.F.R. §1.221(a)		\$	130
TOTAL:		\$	5500

- ☒ Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

*For* #46,605 For  
*Mary Lou Wakimura*

By

Mary Lou Wakimura  
Registration No.: 31,804  
Telephone (978) 341-0036  
Facsimile (978) 341-0136

Concord, Massachusetts 01742-9133

Dated: 6/6/2007

# HAMILTON BROOK, SMITH & REYNOLDS, P.C.

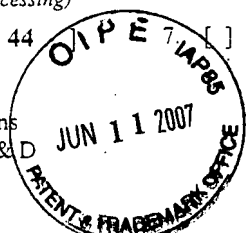
<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>	Attorney Docket No.	1086.2002-00
	First Named Inventor or Application Identifier	Paul Turner
	Express Mail Label No.	EL552284690US

FILE COPY

Title of Invention	COMPUTER METHOD AND APPARATUS FOR CONSTRAINING A NON-LINEAR APPROXIMATOR OF AN EMPIRICAL PROCESS
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<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Specification <b>[Total Pages 44]</b> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Summary of the Invention</li> <li>- Brief Description of the Drawings</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>[Total Sheets 3 ]</b> <input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal <input checked="" type="checkbox"/> Fig. of the Drawings for Publication <b>[ 1 ]</b> 4. <input checked="" type="checkbox"/> Oath or Declaration/POA <b>[Total Pages 12 ]</b> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <b>[NOTE Box 5 below]</b> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i> 7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)  <input type="checkbox"/> Pages</li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul>
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<b>ACCOMPANYING APPLICATION PARTS</b>	
8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents) <input checked="" type="checkbox"/> Assignee - Aspen Technology, Inc. Cambridge, MA 02141 9. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 14. <input type="checkbox"/> Small Entry Statement(s) <input type="checkbox"/> Statement filed in prior application, status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request <i>(check parent application)</i> 17. <input type="checkbox"/> Other: _____	

18. If a <b>CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ Prior application information: Examiner: _____ Group Art Unit: _____			
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<b>19. CORRESPONDENCE ADDRESS</b>					
NAME	Mary Lou Wakimura				
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.				
ADDRESS	Two Militia Drive				
CITY	Lexington	STATE	MA	ZIP CODE	02421-4799
COUNTRY	USA	TELEPHONE	(781) 861-6240	FAX	(781) 861-9540

Signature	J. Scott Southworth	Date	June 27, 2001
Submitted by Typed or Printed Name	J. Scott Southworth	Reg. Number	39,382